

ABSTRACT OF THE DISCLOSURE

Output-size information G1 and reference-resolution information G0 are input to a zoom-rate section. The zoom-rate section derives zoom-rates M1 and M2, based on the output-size information G1 and the reference-resolution information G0. A reconstruction section reconstructs an image at the resolution level corresponding to the specified zoom-rate M1. A parameter-setting section derives an image-processing parameter K1 suitable for the resolution level of a reconstructed-image signal S1, based on the zoom-rate M1, reference-resolution information G0, and reference-processing parameter K0, and sets the derived parameter K1 to the image-processing section. The image-processing section obtains a processed-image signal S2 by performing image processing, using the image-processing parameter K1. A zoom-processing section performs a zoom process on the processed-image signal S2, using the zoom rate M2 .